



What do advanced students need?

Grade-level content that asks students to apply knowledge in ways that build deeper understanding.

Check out these 1st – 2nd grade advanced math activities.

Samples of each product are on the following pages.

Deductive Detective[®]

Number Mystery

This advanced enrichment activity is designed to give 1st and 2nd grade students an opportunity to practice applying reading comprehension skills, knowledge of math vocabulary and deductive reasoning skills in a fun way.

Vocabulary

Digit	Difference
Even	Greater than
Odd	Less than
Sum	Equal to

Enrichment activities that teach and build critical thinking skills.

Check out these 1st – 3rd grade advanced thinking-skills puzzles.

Samples of each product are on the following pages.

Crack the Code[®]

Deductive Detective[®]

This advanced enrichment activity is designed to teach 1st – 3rd grade students deductive logic skills. The object of "Crack the Code" puzzles is to use clues to deduce a 2 or 3 picture code.

Puzzles are scaffolded to teach

Exclusion	Mixed Clues
Inclusion	

Deductive Detective[©]

Name _____

Number Mystery

Directions: Read the clues to find a mystery number from the list below.

- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer on the line below.



Clues

I am a 1-digit number.

I am an odd number.

I am less than 10.

I am greater than 6.

I equal the sum of 3 and 6.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Do you have some time left? Color the numbers around the border!

Deductive Detective[©]

Name _____

Number Mystery

Directions: Read the clues to find a mystery number from the list below.

- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer on the line below.



Clues

I am a 2-digit number.

I am an even number.

I am less than 19.

I am greater than 15.

I equal the sum of 15 and 3.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Do you have some time left? Color the numbers around the border!

Deductive Detective[©]

Name _____

Number Mystery

Directions: Read the clues to find a mystery number.

- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer here. _____



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Clues

- I am a 2-digit number.
- One of my digits is 2.
- I am greater than 12.
- I am less than 50.
- I am an odd number.
- The sum of my digits equals 11.

Do you have some time left? Color the numbers around the border!



Name _____

Deductive Detective®

Number Mystery

Directions: Read the clues to find a mystery number from the list below.

- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer on the line below.



Clues

1 Digit

Greater
Than 4

Even
Number

Less
Than 9

Not Equal
to 6

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Do you have some time left? Color the border!



Name _____

Deductive Detective[©]

Number Mystery

Directions: Read the clues to find a mystery number from the list below.

- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer on the line below.



Clues

2 Digits

Even
Number

Greater
Than 11

Less
Than 16

Not Equal
to 14

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Do you have some time left? Color the border!

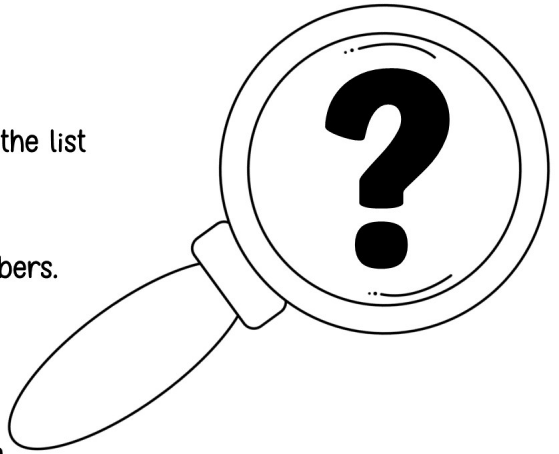


Name _____

Deductive Detective[©]

Number Mystery

Directions: Read the clues to find a mystery number from the list below.



- Check off each clue after you use it to eliminate numbers.
- Cross off numbers that you eliminate.
- Write the answer on the line below.

Clues

1 Digit

Greater than
the sum of
3 and 1

Less than
the sum of
4 and 5

Odd
Number

Not Equal
to 5

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Do you have some time left? Color the border!



Crack the Code Sample Puzzles

Puzzles in the full product come 4 to a page.

Deductive Detective® Level 1 Animals

Crack the Code

Puzzle 1



Correct in right place	Correct in wrong place	Not Correct	Yes	No
0	0	2		
0	2	0		
Answer				

Deductive Detective® Level 1 Shapes

Crack the Code

Puzzle 17



Correct in right place	Correct in wrong place	Not Correct	Yes	No
0	3	0	  	
0	3	0	  	
Answer				

Crack the Code Sample Puzzles

Puzzles in the full product come 4 to a page.

Deductive Detective®
Level 1 Sports

Crack the Code

Puzzle 27



Correct in right place	Correct in wrong place	Not Correct	Yes	No
0	1	1		
1	0	1		
Answer				

Deductive Detective®
Level 1 Halloween

Crack the Code

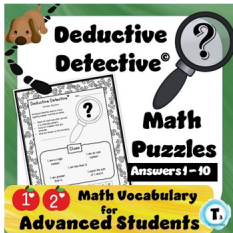
Puzzle 30



Correct in right place	Correct in wrong place	Not Correct	Yes	No	
1	1	1			
0	3	0			
Answer					

Math Vocabulary Deductive Detective®

Students follow clues that use 1st and 2nd grade math vocabulary terms digit, even, odd, sum, difference, greater than, less than, and equal to. Each puzzle contains 5 clues that work together to allow students to deduce one number. All sets come with an answer key and teaching materials.



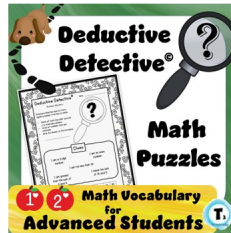
Set 1

Answers 1 – 10

20 Puzzles

[Sample](#)

[Full Product](#)



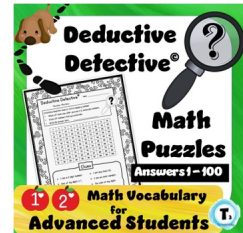
Set 2

Answers 1 – 20

20 Puzzles

[Sample](#)

[Full Product](#)



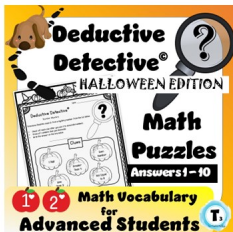
Set 3

Answers 1 – 100

20 Puzzles

[Sample](#)

[Full Product](#)



Halloween

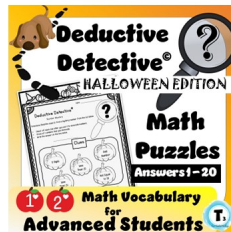
Set 1

Answers 1 – 10

20 Puzzles

[Sample](#)

[Full Product](#)



Halloween

Set 2

Answers 1 – 20

20 Puzzles

[Sample](#)

[Full Product](#)



Halloween

Set 3

Answers 1 – 100

20 Puzzles



Christmas

Set 1

Answers 1 – 10

20 Puzzles

[Sample](#)



Christmas

Set 2

Answers 1 – 20

20 Puzzles



Christmas

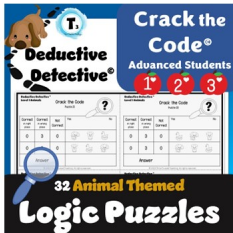
Set 3

Answers 1 – 100

20 Puzzles

Thinking Puzzles Crack the Code ©

This advanced enrichment activity is designed to teach 1st - 3rd grade students deductive logic skills. The object of "Crack the Code" puzzles is to use clues to deduce a 2 or 3 picture code.



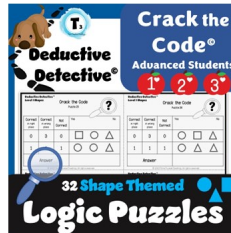
Set 1

Animal Theme

32 Puzzles

[Sample](#)

[Full Product](#)



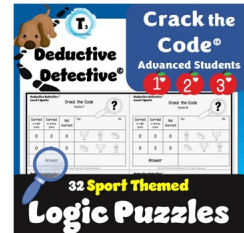
Set 2

Shapes Theme

32 Puzzles

[Sample](#)

[Full Product](#)



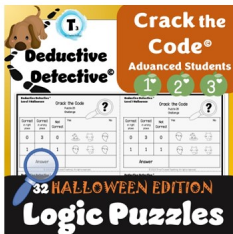
Set 3

Sports Theme

32 Puzzles

[Sample](#)

[Full Product](#)



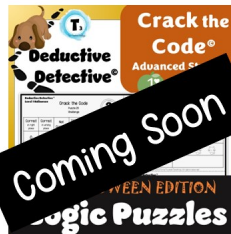
Halloween

Set 1

32 Puzzles

[Sample](#)

[Full Product](#)



Halloween

Set 2

32 Puzzles



Autumn

Set 1

32 Puzzles



Winter

Set 1

32 Puzzles



Winter

Set 2

32 Puzzles



Christmas

Set 1

32 Puzzles

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Detective®

Number Mysteries

- 1-10
- 1-20
- 1-100

Deductive

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Crack the Code

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- Shapes
- Sports

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